

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

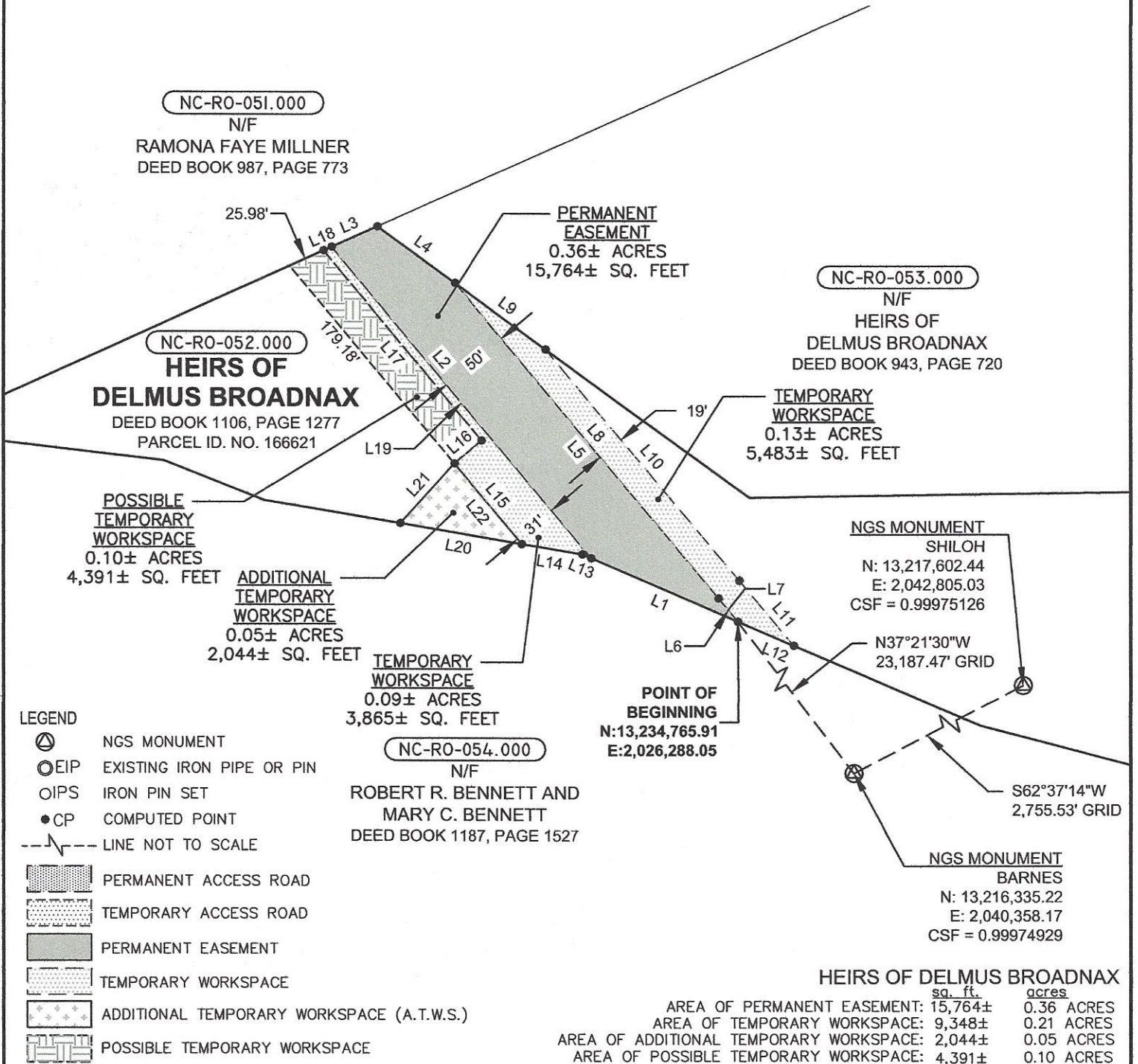
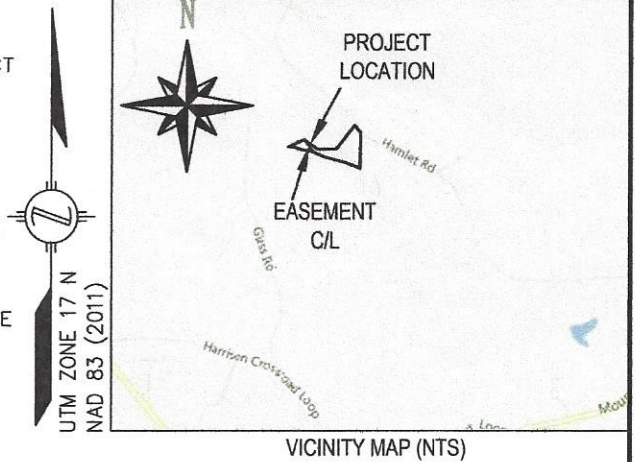
Exhibit 62 to Complaint

Maps of MVP Parcel Nos. NC-RO-052.000 and NC-RO-053.000

NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 1106, PAGE 1277
5. PARCEL ID: 166621
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO THE UTM ZONE 17 N NAD 83 (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.

EXHIBIT A



I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 1106, page 1277; that the ratio of precision as calculated is 1:10,000±; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 6th day of May, 2020

THOMAS WARNER KIMMEL, PLS L 3674

LAND OWNER INITIALS: _____

DATE: _____

TRC ENGINEERS, INC
2200 LIBERTY AVENUE,
SUITE 100
PITTSBURGH, PA 15222
PH: (724) 749-8572
NC CORPORATE LICENSE No. F-0591

tkimmel@trcsolutions.com



EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF WENTWORTH ROCKINGHAM COUNTY, NORTH CAROLINA				
Mountain Valley PIPELINE, LLC				
PIPELINE EASEMENT IN PROPERTY OF HEIRS OF DELMUS BROADNAX				
NC-RO-052.000 DEED BOOK 1106, PAGE 1277				
NC-RO-052.000				
Drawn By:	Chk'd By:	App'd By:	TRC Proj. No.	Scale:
DJB			300423	1"=100'
Drawn Date:	DD	TWK	Sheet:	MVP Proj. No.
1/23/19			1 OF 2	
GRAPHIC SCALE IN FEET				
REVISIONS				
A	1/23/2019		ISSUE FOR REVIEW	
B	2/4/2019	DJB	UPDATED OWNER NAMES	DD
1	4/20/2020	MSF	GENERAL REVISIONS	TWK
No.	Date	Rev By	Description	Checked

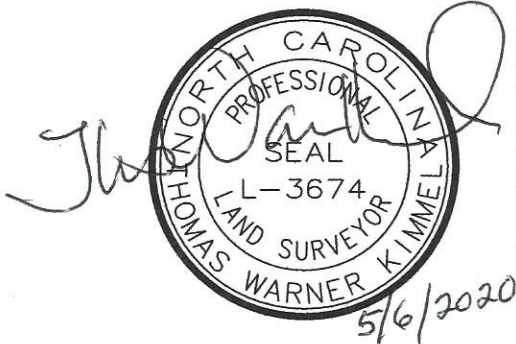
EXHIBIT A

PERMANENT EASEMENT		
LINE TABLE		
LINE	BEARING	DISTANCE
L1	N66°43'29"W	111.39'
L2	N40°00'26"W	282.49'
L3	N65°47'53"E	35.07'
L4	S54°03'44"E	66.95'
L5	S40°00'26"E	286.49'
L6	S40°13'17"E	21.00'

ADDITIONAL TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L20	N80°27'09"W	86.07'
L21	N42°07'00"E	56.37'
L22	S40°00'24"E	73.23'

TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L7	N40°13'17"W	21.00'
L8	N40°00'26"W	286.49'
L9	S54°03'44"E	78.24'
L10	S40°00'26"E	210.56'
L11	S40°13'17"E	59.06'
L12	N66°43'29"W	42.58'
L13	N66°43'29"W	6.80'
L14	N80°27'09"W	43.07'
L15	N40°00'24"W	73.23'
L16	N49°59'37"E	25.00'
L17	N40°00'26"W	172.11'
L18	N65°47'53"E	6.24'
L19	S40°00'26"E	282.49'

SEE SHEET 1 OF 2 FOR GRAPHICS AND LABELS



LAND
OWNER
INITIALS: _____

DATE: _____

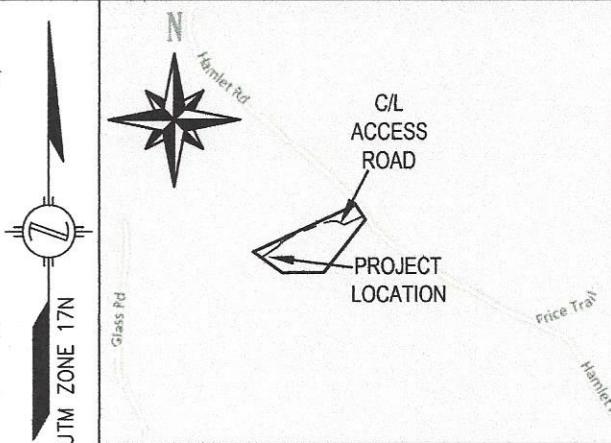
SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF WENTWORTH ROCKINGHAM COUNTY, NORTH CAROLINA				
PIPELINE EASEMENT IN PROPERTY OF HEIRS OF DELMUS BROADNAX NC-RO-052.000 DEED BOOK 1106, PAGE 1277				
NC-RO-052.000				
Drawn By: DJB	Chk'd By: DD	App'd By: TWK	IRC Proj. No. 300423	Scale: NTS
Drawn Date: 1/23/19			Sheet: 2 OF 2	MVP Proj. No.
REVISIONS				
A	1/23/2019		ISSUE FOR REVIEW	
B	2/4/2019	DJB	UPDATED OWNER NAMES	DD
1	4/20/2020	MSF	GENERAL REVISIONS	TWK
No.	Date	Rev By	Description	Checked

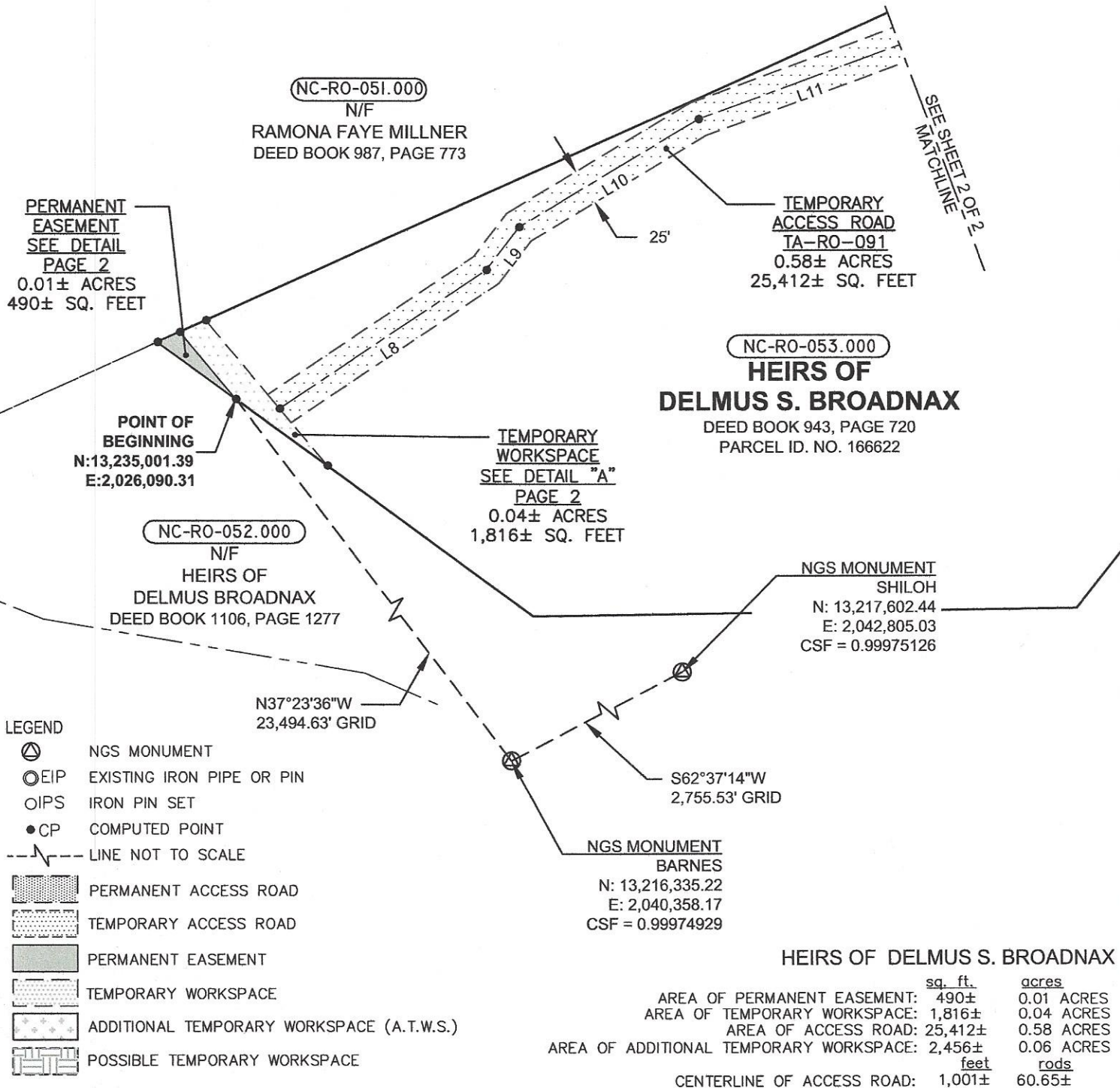
EXHIBIT A

NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 943, PAGE 720
5. PARCEL ID: 166622
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO THE UTM ZONE 17N.
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.



VICINITY MAP (NTS)



I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 943, page 720); that the ratio of precision as calculated is 1:10,000±; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 11th day of May, 2020

THOMAS WARNER KIMMEL, PLS L-3674

LAND
OWNER
INITIALS: _____
DATE: _____



TRC ENGINEERS, INC
2200 LIBERTY AVENUE,
SUITE 100
PITTSBURGH, PA 15222
PH: (724) 749-8572 tkimmel@trcsolutions.com
NC CORPORATE LICENSE No. F-0591

	sq. ft.	acres
AREA OF PERMANENT EASEMENT:	490±	0.01 ACRES
AREA OF TEMPORARY WORKSPACE:	1,816±	0.04 ACRES
AREA OF ACCESS ROAD:	25,412±	0.58 ACRES
AREA OF ADDITIONAL TEMPORARY WORKSPACE:	2,456±	0.06 ACRES
CENTERLINE OF ACCESS ROAD:	1,001± feet	60.65± rods

SEE SHEET 2 OF 2 FOR LINE TABLES

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF WENTWORTH ROCKINGHAM COUNTY, NORTH CAROLINA				
PIPELINE EASEMENT IN PROPERTY OF HEIRS OF DELMUS S. BROADNAX NC-RO-053.000 DEED BOOK 943, PAGE 720				
NC-RO-053.000				
Drawn By: DJB	Chk'd By:	App'd By:	TRC Proj. No. 300423	Scale: 1"=100'
Drawn Date: 2/11/19	DD	TDK	Sheet: 1 OF 2	MVP Proj. No.
100 50 0 100 GRAPHIC SCALE IN FEET				
REVISIONS				
2	3/31/19		REMOVED INST#	
3	04/20/20	MSF	GENERAL REVISIONS	TDK
4	05/11/2020	DD	GENERAL REVISION	TDK
No.	Date	Rev By	Description	Checked

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10. TEMPORARY EASEMENT TO BE ACQUIRED.

EXHIBIT A

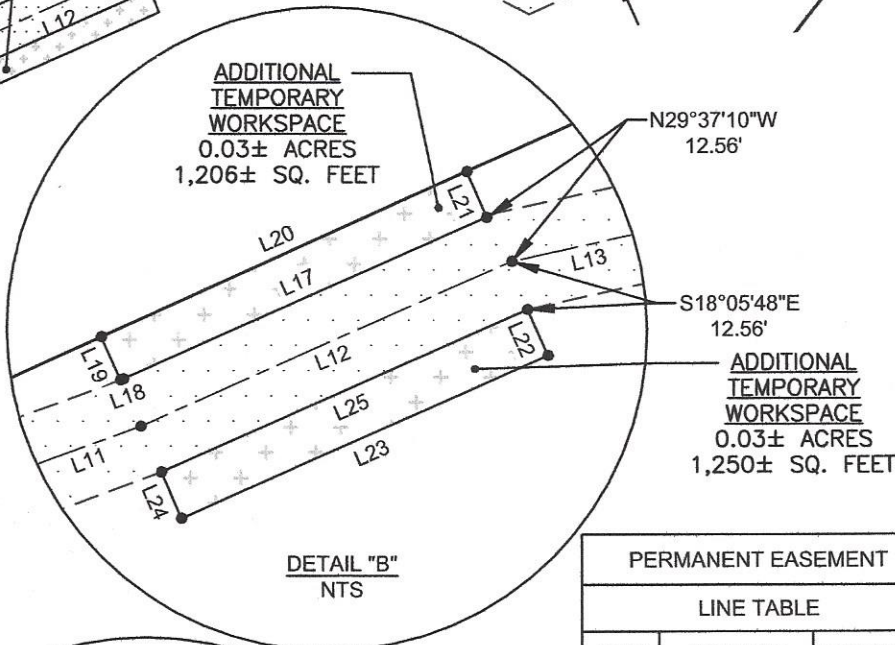
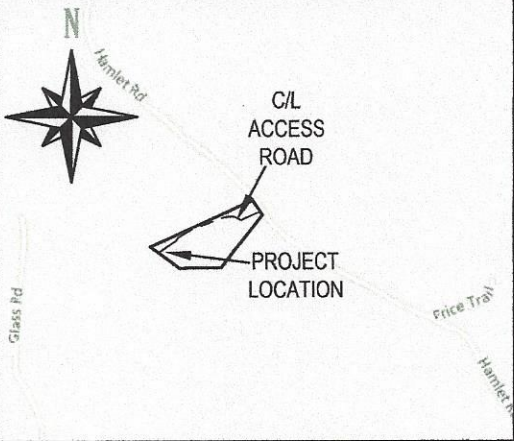
SEE SHEET 1 OF 2
MATCHLINE

NC-RO-051.000
N/F
RAMONA FAYE MILLNER
DEED BOOK 987, PAGE 773
SEE
DETAIL "B"

TEMPORARY
ACCESS ROAD
TA-RO-091
0.58± ACRES
25,412± SQ. FEET

CHECK
COORDINATES
N:13,235,351.40
E:2,027,013.89

VICINITY MAP (NTS)

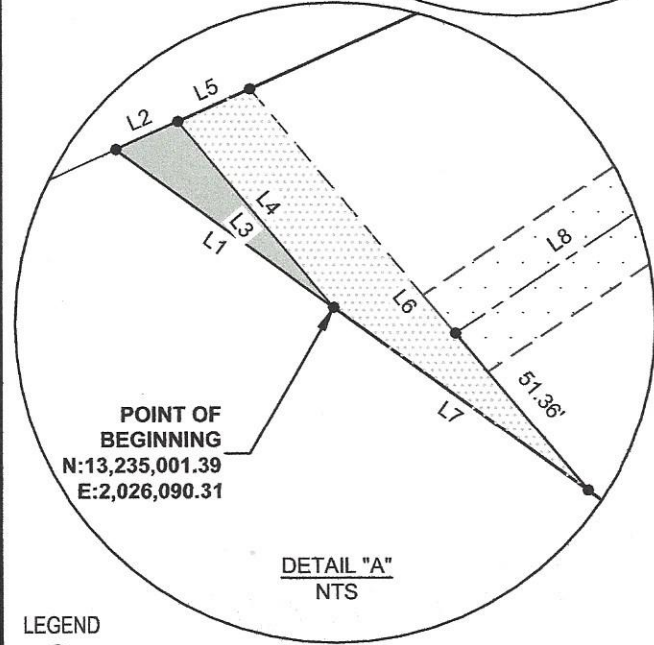


ACCESS ROAD		
LINE TABLE		
LINE	BEARING	DISTANCE
L8	N56°14'44\"E	172.30'
L9	N37°37'27\"E	37.30'
L10	N59°01'04\"E	145.03'
L11	N69°50'48\"E	157.16'
L12	N66°08'31\"E	100.86'
L13	N77°39'53\"E	89.38'
L14	N87°47'09\"E	51.43'
L15	S63°27'49\"E	70.41'
L16	N65°55'50\"E	176.76'

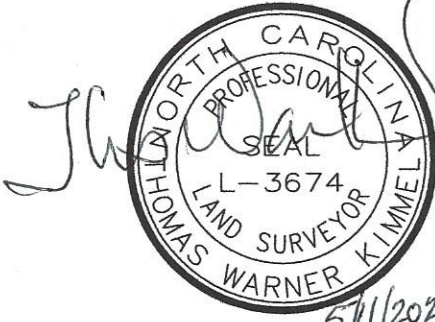
PERMANENT EASEMENT		
LINE TABLE		
LINE	BEARING	DISTANCE
L1	N54°03'44\"W	66.95'
L2	N65°47'53\"E	16.90'
L3	S40°00'26\"E	60.34'

ADDITIONAL TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L17	S66°08'31\"W	99.20'
L18	S69°50'48\"W	0.81'
L19	N23°51'29\"W	11.70'
L20	N65°47'53\"E	100.01'
L21	S23°51'29\"E	12.36'
L22	S23°51'29\"E	12.50'
L23	S66°08'31\"W	100.01'
L24	N23°51'29\"W	12.50'
L25	N66°08'31\"E	100.01'

TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L4	N40°00'26\"W	60.34'
L5	N65°47'53\"E	19.75'
L6	S40°00'26\"E	130.86'
L7	N54°03'44\"W	78.24'



- LEGEND
- NGS MONUMENT
 - EIP EXISTING IRON PIPE OR PIN
 - OIPS IRON PIN SET
 - CP COMPUTED POINT
 - LINE NOT TO SCALE
 - PERMANENT ACCESS ROAD
 - TEMPORARY ACCESS ROAD
 - PERMANENT EASEMENT
 - TEMPORARY WORKSPACE
 - ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
 - POSSIBLE TEMPORARY WORKSPACE



LAND
OWNER
INITIALS: _____
DATE: _____

SEE SHEET 2 OF 2 FOR LINE TABLES

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF WENTWORTH ROCKINGHAM COUNTY, NORTH CAROLINA			
PIPELINE EASEMENT IN PROPERTY OF HEIRS OF DELMUS S. BROADNAX NC-RO-053.000 DEED BOOK 943, PAGE 720			
Drawn By: DJB	Chk'd By: DD	App'd By: TWK	Scale: 1"=100'
Drawn Date: 2/11/19	DD	TWK	Sheet: 2 OF 2
GRAPHIC SCALE IN FEET 100 50 0 100			
REVISIONS			
2	3/31/19	GENERAL REVISIONS	
3	04/20/20	REMOVED INST#	TWK
4	05/11/2020	GENERAL REVISIONS	TWK
No.	Date	Rev By	Description
			Checked

SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.